

GenCore version 4.5  
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OM nucleic - nucleic search, using sw model

Run on: September 23, 2001, 07:40:45 ; Search time 192.58 Seconds  
(without alignments)  
247.723 Million cell updates/sec

Title: US-08-978-217-6  
Perfect score: 252  
Sequence: 1 AATTGTCCCTTGAGAGCT.....CCGCGACGTGTGCGCAGGA 252

Scoring table: IDENTITY\_NUC  
Gapop 10.0 , Gapext 1.0

Searched: 324599 seqs, 94655562 residues

Total number of hits satisfying chosen parameters: 649198

Minimum DB seq length: 0  
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database : Issued\_Patents\_NA.\*  
1: /cgn2\_6/ptodata/2/1na/5A.COMB.seq:\*  
2: /cgn2\_6/ptodata/2/1na/5B.COMB.seq:\*  
3: /cgn2\_6/ptodata/2/1na/6A.COMB.seq:\*  
4: /cgn2\_6/ptodata/2/1na/6B.COMB.seq:\*  
5: /cgn2\_6/ptodata/2/1na/PCTUS.COMB.seq:\*  
6: /cgn2\_6/ptodata/2/1na/Backfile1.seq:\*  
  
Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	252	100.0	1920	1	US-08-746-789A-1
2	38.8	15.4	5173	1	US-08-242-677-1
3	35	13.9	1975	2	US-08-852-743-1
4	35	13.9	1975	3	US-09-185-370-1
5	35	13.9	2161	2	US-08-712-709-4
6	35	13.9	2161	3	US-09-111-444-4
7	35	13.9	2161	4	US-09-541-228-4
8	34	13.5	3141	2	US-08-956-242-1
9	34	13.5	3141	3	US-09-351-215-1
10	32.6	12.9	3777	4	US-08-933-803A-15
11	32.6	12.9	3777	4	US-08-933-803A-15
12	32.4	12.9	44377	2	US-08-804-227C-7
13	32.4	12.9	44377	2	US-08-804-198-1
14	32	12.7	2505	1	US-07-977-434-7
15	32	12.7	2505	1	US-08-458-819-7
16	32	12.7	2505	5	PCT-US91-07035-7
17	31.8	12.6	2589	2	US-08-482-728A-3
18	31.6	12.5	1476	2	US-08-969-106-1
19	31.4	12.5	80161	3	US-09-036-987A-1
20	31.2	12.4	354	2	US-08-910-856-3
21	31.2	12.4	812	1	US-08-656-253-1
22	31.2	12.4	2219	3	US-08-510-646B-17
23	31.2	12.4	3187	2	US-08-910-856-9
24	31.2	12.4	3187	2	US-08-910-856-10
25	31	12.3	712	2	US-08-747-536-3
26	31	12.3	722	2	US-08-747-536-7
27	31	12.3	3117	2	US-08-747-536-1

28	31	12.3	8460	1	US-08-469-005A-9	Sequence 9, Appli
29	30.8	12.2	2301	1	US-08-614-801A-5	Sequence 5, Appli
30	30.8	12.2	36519	3	US-08-923-137-2	Sequence 2, Appli
31	30.4	12.1	843	3	US-08-513-974B-375	Sequence 375, App
32	30.4	12.1	1686	2	US-08-648-657-14	Sequence 14, Appli
33	30.4	12.1	1794	5	PCT-US95-14418-3	Sequence 3, Appli
34	30.4	12.1	1794	5	PCT-US95-15347-3	Sequence 3, Appli
35	30.4	12.1	2502	1	US-08-073-384C-7	Sequence 7, Appli
36	30.4	12.1	2502	1	US-08-254-359A-7	Sequence 7, Appli
37	30.4	12.1	2502	1	US-08-483-043-7	Sequence 7, Appli
38	30.4	12.1	2502	1	US-08-481-238-7	Sequence 7, Appli
39	30.4	12.1	2502	2	US-08-471-066B-7	Sequence 7, Appli
40	30.4	12.1	2502	2	US-08-484-956-7	Sequence 7, Appli
41	30.4	12.1	2502	2	US-08-757-653-7	Sequence 7, Appli
42	30.4	12.1	2502	2	US-08-599-491-7	Sequence 7, Appli
43	30.4	12.1	2502	2	US-08-756-386-7	Sequence 7, Appli
44	30.4	12.1	2502	2	US-08-823-516-7	Sequence 7, Appli
45	30.4	12.1	2502	3	US-08-682-853A-7	Sequence 7, Appli

ALIGNMENTS

RESULT 1  
US-08-746-789A-1  
; Sequence 1, Application US/08746789A  
; Patent No. 5789200  
; GENERAL INFORMATION:  
; APPLICANT: Ismail Kola, Martin J. Tymins, Christine DeBouck  
; TITLE OF INVENTION: A No. 5789200el Human ETS Family Member, ELP3  
; NUMBER OF SEQUENCES: 4  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: SmithKline Beecham Corporation  
; STREET: 709 Swedeland Road, P.O. Box 1539  
; CITY: King of Prussia  
; STATE: PA  
; COUNTRY: USA  
; ZIP: 19406-0939  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
; COMPUTER: IBM 486  
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS  
; SOFTWARE: MICROSOFT WORD  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/746,789A  
; FILING DATE: No. 5789200el December 15, 1996  
; CLASSIFICATION: 514  
; PRIOR APPLICATION NUMBER:  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: William T. Han  
; REGISTRATION NUMBER: 34,344  
; REFERENCE/DOCKET NUMBER: ATG 50024  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 610 270 5219  
; TELEFAX: 610 270 4026  
; INFORMATION FOR SEQ ID NO: 1:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 1920  
; TYPE: Nucleic Acid  
; STRANDEDNESS: Single  
; TOPOLOGY: Linear  
; ANTI-SENSE: No  
; US-08-746-789A-1  
  
Query Match 100.0%; Score 252; DB 1; Length 1920;  
Best Local Similarity 100.0%; Pred. No. 2e-59;  
Matches 252; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
1 AATTGTCCCTTGAGAGCTGCTGTGCTTTGGGCTCTGGGAGCACCACATCCATGCC 60  
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Qy 61 CAGCTCGAGACCTCACTTCCAGCTCTTCTGATGAGCTCAGTTGATCATTTAGAGCTG 120  
Db 484 CAGCTCGAGACCTCACTTCCAGCTCTTCTGATGAGCTCAGTTGATCATTTAGAGCTG 543  
Qy 121 GAGAGATGATGAGCTCTTCCAGAGAGGCTTAGACCAAGGCTCTTTCAGCAGGCGAC 180  
Db 544 GAGAGATGATGAGCTCTTCCAGAGAGGCTTAGACCAAGGCTCTTTCAGCAGGCGAC 603  
Qy 181 CCGTTGGCCAGAGCTGCTGACGAGCGCTCAGCAAGCCAGCCCTTACACCCCGGAC 240  
Db 604 CCGTTGGCCAGAGCTGCTGACGAGCGCTCAGCAAGCCAGCCCTTACACCCCGGAC 663  
Qy 241 TGTGGCGCAGCA 252  
Db 664 TGTGGCGCAGCA 675

RESULT 2  
US-08-242-677-1/c  
; Sequence 1, Application US/08242677  
; Patent No. 5677143  
; GENERAL INFORMATION:  
; APPLICANT: Gaylor, Richard B  
; APPLICANT: Wu, Foon W.  
; TITLE OF INVENTION: Cellular Nucleic Acid Binding Protein  
; TITLE OF INVENTION: and uses thereof in regulating Gene Expression and in the  
; NUMBER OF SEQUENCES: 9  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Arnold, White & Durkee  
; STREET: P.O. Box 4433  
; CITY: Houston  
; STATE: TX  
; COUNTRY: USA  
; ZIP: 77210  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/242,677  
; FILING DATE:  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Mayfield, Denise L.  
; REGISTRATION NUMBER: 33,732  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 713-787-1400  
; TELEFAX: 713-789-2679  
; INFORMATION FOR SEQ ID NO: 1:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 5173 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: cDNA  
; FEATURE:  
; NAME/KEY: CDS  
; LOCATION: 1..4863  
; US-08-242-677-1

Query Match 15.4%; Score 38.8; DB 1; Length 5173;  
Best Local Similarity 50.5%; Pred. No. 0.073;  
Matches 94; Conservative 0; Mismatches 92; Indels 0; Gaps 0;

Qy 48 CCACTCCATGCCGAGAGACCTCACTTCCAGCTCTTCTGATGAGCTCAGTTGAT 107  
Db 193 CCACTCCGCGCGCGCTCTCGGAGGCGCTGCGCCCGCTGCGCGCTCTCTG 134

Qy 108 CATTGAGCTGTGAGAGAGATGATGCTTCCAGAGAGCCCTTAGACCCAGGCTT 167  
Db 133 CCTGAGCGCGCTGACAGAGAGAGAGGCTTCCAGAGAGCCCTTAGACCCAGGCTT 74  
Qy 168 TGACAGAGGAGCCCTTTCAGAGAGCTGTGACGAGCGCTCAGCAAGCCAGCCCTTA 227  
Db 73 GGCACAGCGCCCGGAGAGAGGAGGCGGCGCTCCGCTTGCAGAGAGAGCGCTTCCGCA 14  
Qy 228 CCACCC 233  
Db 13 GCACCC 8

RESULT 3  
US-08-852-743-1  
; Sequence 1, Application US/08852743  
; Patent No. 5830699  
; GENERAL INFORMATION:  
; APPLICANT: Force, Thomas  
; APPLICANT: Kyriakis, John M.  
; APPLICANT: Pombo, Celia M.  
; APPLICANT: Bonventre, Joseph  
; TITLE OF INVENTION: SOK-1 AND METHODS OF USE  
; NUMBER OF SEQUENCES: 10  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Fish & Richardson, P.C.  
; STREET: 225 Franklin Street  
; CITY: Boston  
; STATE: MA  
; COUNTRY: US  
; ZIP: 02110-2804  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: Windows95  
; SOFTWARE: FASTSEQ for Windows Version 2.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/852,743  
; FILING DATE: 7-MAY-1997  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 60/016,774  
; FILING DATE: 7-MAY-1996  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Fraser, Janis K.  
; REGISTRATION NUMBER: 34,819  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 617/542-5070  
; TELEFAX: 617/542-8906  
; INFORMATION FOR SEQ ID NO: 1:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 1975 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: cDNA  
; FEATURE:  
; NAME/KEY: Coding Sequence  
; LOCATION: 127...1404  
; US-08-852-743-1

Query Match 13.9%; Score 35; DB 2; Length 1975;  
Best Local Similarity 48.3%; Pred. No. 0.61;  
Matches 98; Conservative 0; Mismatches 105; Indels 0; Gaps 0;

Qy 46 GACCACTTCATGCCGAGTGGAGACCTCACTTCCAGCTCTTCTGATGAGCTCAGTTG 105  
Db 175 GAGAGCTCTTCAACCAAGCTCAGACCGCATTTGCCAAGGCGCTCTTGGGAGGCTTCAAG 234



OY 226 TACCACCCCGCAGCTGTGGCC 248  
111 111 1111111  
DB 466 TACATCACCCGCTACTTGGCTC 488

## RESULT 6

US-09-111-444-4  
; Sequence 4, Application US/09111444  
; Patent No. 6045792  
; GENERAL INFORMATION:  
; APPLICANT: Au-Young, Janice  
; APPLICANT: Guegler, Karl J.  
; APPLICANT: Hawkins, Phillip R.  
; TITLE OF INVENTION: NOVEL HUMAN PROTEIN KINASES  
; NUMBER OF SEQUENCES: 9  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Incyte Pharmaceuticals, Inc.  
; STREET: 3174 Porter Drive  
; CITY: Palo Alto  
; STATE: CA  
; COUNTRY: U.S.  
; ZIP: 94304  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: DOS  
; SOFTWARE: FASTSEQ Version 1.5  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/111,444  
; FILING DATE:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/712,709  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Billings, Lucy J  
; REGISTRATION NUMBER: 36,749  
; REFERENCE/DOCKET NUMBER: PF-0118 US  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 415-855-0555  
; TELEFAX: 415-845-4166  
; INFORMATION FOR SEQ ID NO: 4:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 2161 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: cDNA  
; IMMEDIATE SOURCE:  
; LIBRARY:  
; CLONE: Consensus  
; US-09-111-444-4

Query Match 13.9%; Score 35; DB 3; Length 2161;  
Best Local Similarity 48.3%; Pred. No. 0.62;

Matches 98; Conservative 0; Mismatches 105; Indels 0; Gaps 0;

OY 46 GACCAACTCCATGCCAGCTGCGAGACCTCCAGCTCTTCTGATGAGCTCACTTG 105  
111 111 1111111 1111111 1111111 1111111 1111111 1111111  
DB 286 GAGGAGCTCTTACCAAGCTGACCCCACTTGGCAAGGGCTCGTTGGGAGGCTTCAAG 345  
111 111 1111111 1111111 1111111 1111111 1111111 1111111  
OY 106 ATCATTTGAGCTCTGAGAGAGATGGCTTCGACGAGAGCCCTAGACCCAGGGCC 165  
111 111 1111111 1111111 1111111 1111111 1111111 1111111  
DB 346 GGCATGATGATACACACAAGAGAGGTGGCCATCAAGATCATGCACTGAGAGAGGCC 405  
111 111 1111111 1111111 1111111 1111111 1111111 1111111  
OY 166 TTGGACAGGAGAGCCCTTTGGCCAGAGCTGCTGGAGAGAGGTAGCAAGCCAGCC 225  
111 111 1111111 1111111 1111111 1111111 1111111 1111111  
DB 406 GAGGATGAGATGAGAGACATTCAGAGAGATCACTGCTCAGTCAGTCAGCAGAGCC 465  
111 111 1111111 1111111 1111111 1111111 1111111 1111111  
OY 226 TACCACCCCGCAGCTGTGGCC 248  
111 111 1111111 1111111 1111111 1111111 1111111 1111111  
DB 466 TACATCACCCGCTACTTGGCTC 488

## RESULT 7

US-09-541-228-4  
; Sequence 4, Application US/09541228  
; Patent No. 6232077  
; GENERAL INFORMATION:  
; APPLICANT: Au-Young, Janice  
; APPLICANT: Guegler, Karl J.  
; APPLICANT: Hawkins, Phillip R.  
; TITLE OF INVENTION: NOVEL HUMAN PROTEIN KINASES  
; NUMBER OF SEQUENCES: 9  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Incyte Pharmaceuticals, Inc.  
; STREET: 3174 Porter Drive  
; CITY: Palo Alto  
; STATE: CA  
; COUNTRY: U.S.  
; ZIP: 94304  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: DOS  
; SOFTWARE: FASTSEQ Version 1.5  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/541,228  
; FILING DATE:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/712,709  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Billings, Lucy J  
; REGISTRATION NUMBER: 36,749  
; REFERENCE/DOCKET NUMBER: PF-0118 US  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 415-855-0555  
; TELEFAX: 415-845-4166  
; INFORMATION FOR SEQ ID NO: 4:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 2161 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: cDNA  
; IMMEDIATE SOURCE:  
; LIBRARY:  
; CLONE: Consensus  
; US-09-541-228-4

Query Match 13.9%; Score 35; DB 4; Length 2161;  
Best Local Similarity 48.3%; Pred. No. 0.62;  
Matches 98; Conservative 0; Mismatches 105; Indels 0; Gaps 0;

OY 46 GACCAACTCCATGCCAGCTGCGAGACCTCCAGCTCTTCTGATGAGCTCACTTG 105  
111 111 1111111 1111111 1111111 1111111 1111111 1111111  
DB 286 GAGGAGCTCTTACCAAGCTGACCCCACTTGGCAAGGGCTCGTTGGGAGGCTTCAAG 345  
111 111 1111111 1111111 1111111 1111111 1111111 1111111  
OY 106 ATCATTTGAGCTCTGAGAGAGATGGCTTCGACGAGAGCCCTAGACCCAGGGCC 165  
111 111 1111111 1111111 1111111 1111111 1111111 1111111  
DB 346 GGCATGATGATACACACAAGAGAGGTGGCCATCAAGATCATGCACTGAGAGAGGCC 405  
111 111 1111111 1111111 1111111 1111111 1111111 1111111  
OY 166 TTGGACAGGAGAGCCCTTTGGCCAGAGCTGCTGGAGAGAGGTAGCAAGCCAGCC 225  
111 111 1111111 1111111 1111111 1111111 1111111 1111111  
DB 406 GAGGATGAGATGAGAGACATTCAGAGAGATCACTGCTCAGTCAGTCAGCAGAGCC 465  
111 111 1111111 1111111 1111111 1111111 1111111 1111111  
OY 226 TACCACCCCGCAGCTGTGGCC 248  
111 111 1111111 1111111 1111111 1111111 1111111 1111111  
DB 466 TACATCACCCGCTACTTGGCTC 488

## RESULT 8

US-08-956-242-1  
; Sequence 1, Application US/08956242C

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; Patent No. 5986081
; GENERAL INFORMATION:
; APPLICANT: Ganetzky, Barry S.
; APPLICANT: Titus, Steven A.
; TITLE OF INVENTION: Polynucleotides Encoding Herg-3
; FILE REFERENCE: 960296, 94550
; CURRENT APPLICATION NUMBER: US/08/956,242C
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: Patentln Ver. 2.0
; SEQ ID NO 1
; LENGTH: 3141
; TYPE: DNA
; ORGANISM: Homo sapien
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (248)..(2128)
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (1)
; OTHER INFORMATION: Unidentified at time of filing
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (3)
; OTHER INFORMATION: Unidentified at time of filing
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (12)
; OTHER INFORMATION: Unidentified at time of filing
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (1568)..(1872)
; OTHER INFORMATION: Unidentified at time of filing
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (3126)
; OTHER INFORMATION: Unidentified at time of filing
; NAME/KEY: unsure
; LOCATION: (3134)
; OTHER INFORMATION: Unidentified at time of filing
; US-08-956-242-1

Query Match          13.5%; Score 34; DB 2; Length 3141;
Best Local Similarity 57.5%; Pred. No. 1.3;
Matches 61; Conservative 0; Mismatches 45; Indels 0; Gaps 0;

QY 21 GCGTCTGTCCTTTGGGCGCTCTGGGGACCAACTCCATGCCAGCTCGAGACCTCACTTC 80
    ||||| ||| | | ||||| ||||| || ||
DB 2223 gctctgaagctggtccagcagctcagcagctccagcagcagatgaacagcgtgagtc 2282
    ||||| || ||||| ||||| ||||| |||||

QY 81 CAGCTCTTCTGATGAGCTCAGTTGGATCATTTGCTGCTGGAGAAG 126
    ||||| || ||||| ||||| ||||| |||||
DB 2283 ccgcgtgtccctcagacctcagccgcatcttgagctccctccagaag 2328

RESULT 9
US-09-351-215-1
; Sequence 1, Application US/09351215
; Patent No. 6087488
; GENERAL INFORMATION:
; APPLICANT: Ganetzky, Barry S.
; APPLICANT: Titus, Steven A.
; TITLE OF INVENTION: Polynucleotides Encoding Herg-3
; FILE REFERENCE: 960296, 94550
; CURRENT APPLICATION NUMBER: US/09/351,215
; EARLIER FILING DATE: 1999-07-12
; EARLIER APPLICATION NUMBER: 08/956,242
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: Patentln Ver. 2.0
; SEQ ID NO 1.
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; LENGTH: 3141
; TYPE: DNA
; ORGANISM: Homo sapien
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (248)..(2128)
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (1)
; OTHER INFORMATION: Unidentified at time of filing
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (3)
; OTHER INFORMATION: Unidentified at time of filing
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (12)
; OTHER INFORMATION: Unidentified at time of filing
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (1568)..(1872)
; OTHER INFORMATION: Unidentified at time of filing
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (3126)
; OTHER INFORMATION: Unidentified at time of filing
; NAME/KEY: unsure
; LOCATION: (3134)
; OTHER INFORMATION: Unidentified at time of filing
; US-09-351-215-1

Query Match          13.5%; Score 34; DB 3; Length 3141;
Best Local Similarity 57.5%; Pred. No. 1.3;
Matches 61; Conservative 0; Mismatches 45; Indels 0; Gaps 0;

QY 21 GCGTCTGTCCTTTGGGCGCTCTGGGGACCAACTCCATGCCAGCTCGAGACCTCACTTC 80
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DB 2223 gctctgaagctggtccagcagctcagcagctccagcagcagatgaacagcgtgagtc 2282
    ||||| || ||||| ||||| ||||| |||||

QY 81 CAGCTCTTCTGATGAGCTCAGTTGGATCATTTGCTGCTGGAGAAG 126
    ||||| || ||||| ||||| ||||| |||||
DB 2283 ccgcgtgtccctcagacctcagccgcatcttgagctccctccagaag 2328

RESULT 10
US-09-121-321-15
; Sequence 15, Application US/09121321
; Patent No. 6090783
; GENERAL INFORMATION:
; APPLICANT: Saiga, Akihiko
; APPLICANT: Orita, Satoshi
; APPLICANT: Igarashi, Hisanaga
; APPLICANT: Sakaguchi, Gaku
; TITLE OF INVENTION: DNA MOLECULE RELATING TO SUPPRESSION OF
; TITLE OF INVENTION: GENE EXPRESSION AND NOVEL PROTEIN
; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FISH & NEAVE
; STREET: 1251 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10020
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentln Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/121,321
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1      FILING DATE:
2      CLASSIFICATION:
3      PRIOR APPLICATION DATA:
4      APPLICATION NUMBER: US 08/933,803
5      FILING DATE: 19-SEP-1997
6      ATTORNEY/AGENT INFORMATION:
7      NAME: Haley, James F.
8      REGISTRATION NUMBER: 27,794
9      REFERENCE/DOCKET NUMBER: SGN-12CIP
10     TELECOMMUNICATION INFORMATION:
11     TELEPHONE: 212-596-9000
12     TELEFAX: 212-596-9090
13     INFORMATION FOR SEQ ID NO: 15:
14     SEQUENCE CHARACTERISTICS:
15     LENGTH: 3777 base pairs
16     TYPE: nucleic acid
17     STRANDEDNESS: double
18     TOPOLOGY: linear
19     MOLECULE TYPE: cdna
20     FEATURE:
21     NAME/KEY: CDS
22     LOCATION: 139..2151
23     US-09-121-321-15

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	Query Match	12.9%	Score 32.6	DB 3	Length 3777
	Best Local Similarity	52.6%	Pred. No. 3.2		
	Matches 71	Conservative 0	Mismatches 64	Indels 0	Gaps 0
QY	114	GCTGCTGAGAGAAGATGCGATGCGCTTC	CCAGAGAGGCGCTTAGACCCAGGCGCCCTTTGACCA	173	
Db	1395	GCAGCTGCAAGTGCAGAGCCCGACCCACAGAGCCTGGCCCGCCATTCGGGGTGGCGAGAAACC	1454		
QY	174	GGGCAAGCCCTTTTGGCCCAAGAGCTCTGAGACAGGTCAGCAAGCCAGCCCTTACCACC	233		
Db	1455	GGCGCGGCCCGCCGAGACCCAGAGGCTCTGAGACAGGTTTCCAGAGTGCTCCCGGGAGGCG	1514		
QY	234	CGGCAAGCTTGGCGCC	248		
Db	1515	TGGCTCGGGCGGAGGC	1529		

RESULT 11  
 US-08-933-803A-15  
 Sequence 15 Application US/08933803A  
 Patent No. 6218522  
 GENERAL INFORMATION:  
 APPLICANT: Saiga, Akihiko  
 APPLICANT: Orita, Satoshi  
 APPLICANT: Igarashi, Hisanaga  
 APPLICANT: Okumura, Kouichi  
 APPLICANT: Sakaguchi, Gaku  
 TITLE OF INVENTION: DNA MOLECULE RELATING TO SUPPRESSION OF  
 TITLE OF INVENTION: GENE EXPRESSION AND NOVEL PROTEIN  
 NUMBER OF SEQUENCES: 20  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: FISH & NEAVE  
 STREET: 1251 Avenue of the Americas  
 CITY: New York  
 STATE: New York  
 COUNTRY: USA  
 ZIP: 10020  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patentin Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/933,803A  
 FILING DATE: 19-SEP-1997  
 CLASSIFICATION: 536  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Haley, James F.

```

:      REGISTRATION NUMBER: 27,794
:      REFERENCE/DOCKET NUMBER: SGN-12CIP
:      TELECOMMUNICATION INFORMATION:
:      TELEPHONE: 212-596-9000
:      TELEFAX: 212-596-9090
:      INFORMATION FOR SEQ ID NO: 15:
:      SEQUENCE CHARACTERISTICS:
:      LENGTH: 3777 base pairs
:      TYPE: nucleic acid
:      STRANDEDNESS: double
:      TOPOLOGY: linear
:      MOLECULE TYPE: CDNA
:      FEATURE:
:      NAME/KEY: CDS
:      LOCATION: 139..2151
:      US-08-933-803A-15

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[illegible]

RESULT 12  
US-08-804-227C-7  
Sequence 7, Application US/08804227C  
Patent No. 5876991  
GENERAL INFORMATION:  
APPLICANT: DeHoff, Bradley S.  
APPLICANT: Kuhstoss, Stuart A.  
APPLICANT: Rosteck, Paul R., Jr.  
APPLICANT: Sutton, Kimberly L.  
TITLE OF INVENTION: POLYKETIDE SYNTHASE GENES  
NUMBER OF SEQUENCES: 15  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: THOMAS G. PLANT 1501  
STREET: LILLY CORPORATE CENTER  
CITY: INDIANAPOLIS  
STATE: IN  
COUNTRY: USA  
ZIP: 46285  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM compatible  
OPERATING SYSTEM: MS-DOS  
SOFTWARE: ASCII(DOS) Text only  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/804,227C  
FILING DATE: February 21, 1997  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Plant, Thomas, G.  
REGISTRATION NUMBER: 35,784  
REFERENCE/DOCKET NUMBER: X-8231  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 317-276-2459  
INFORMATION FOR SEQ. ID NO: 7:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 44377 base pairs  
type: nucleic acid  
STRANDEDNESS: single

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TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: CDS
LOCATION: 350..14002
FEATURE:
NAME/KEY: CDS
LOCATION: 14046..20036
FEATURE:
NAME/KEY: CDS
LOCATION: 20110..31284
FEATURE:
NAME/KEY: CDS
LOCATION: 31329..36071
FEATURE:
NAME/KEY: CDS
LOCATION: 36155..41830
US-08-804-227C-7
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Query Match 12.9%; Score 32.4; DB 2; Length 44377;  
Best Local Similarity 50.0%; Pred. No. 6.7;  
Matches 108; Conservative 0; Mismatches 106; Indels 2; Gaps 1;

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QY 35 GGCCTCTGGGGGACCAACTCCATGCCAGCTGCGAGACCTCACTTCCAGCTCTTGATG 94
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 41204 GGGCTCGGGAGACGCTCCCTTCCCTGCTCCGCTTCCGCGACCCCGGAACCGATG 41263
QY 95 AGCTCATGTTGATCATTTGAGCTGCTGGAGAAGATGAGCATGGCTTCCAGAGCCCTAG 154
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 41264 CCGGCA--TCGCTCGACGCGCTATCGAGTCCAGGCGGACGCTCTCTGAGCACACCG 41321
QY 155 ACCGAGGCGCCCTTTGACGAGGCGCCCTTTGCCAGAGAGTGTGAGACAGGTCAGC 214
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 41322 CGGGCAAGCCCTTGGCTTGGCTTGGCGGCGACCTCGCGGGGAGAACATCGCCACGCCCTGG 41381
QY 215 AAGCAGCCCTTACACACCCCGGACGCTGTGGCGCAG 250
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 41382 CCGCCCGGCTGAGAGACGCGCTCGGGCCCGCGCAG 41417
```

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RESULT 13
US-08-804-198-1
; Sequence 1, Application US/08804198
; Patent No. 5945320
; GENERAL INFORMATION:
; APPLICANT: Burgett, Stanley G.
; APPLICANT: Kunstoss, Stuart A.
; APPLICANT: Rao, Nagaraja R.
; APPLICANT: Richardson, Mark A.
; APPLICANT: Rosteck, Paul R., Jr.
; TITLE OF INVENTION: PLATENOLIDE SYNTHASE GENE
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PAUL R. CANTRELL 1138
; STREET: LILLY CORPORATE CENTER
; CITY: INDIANAPOLIS
; STATE: IN
; COUNTRY: USA
; ZIP: 46285
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: Macintosh 7.0
; SOFTWARE: Microsoft Word 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/804,198
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: CANTRELL, PAUL R.
; REGISTRATION NUMBER: 36,470
; REFERENCE/DOCKET NUMBER: P9113
```

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TELECOMMUNICATION INFORMATION:
TELEPHONE: 317-276-3885
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 44377 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: CDS
LOCATION: 350..14002
FEATURE:
NAME/KEY: CDS
LOCATION: 14046..20036
FEATURE:
NAME/KEY: CDS
LOCATION: 20110..31284
FEATURE:
NAME/KEY: CDS
LOCATION: 31329..36071
FEATURE:
NAME/KEY: CDS
LOCATION: 36155..41830
US-08-804-198-1
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Query Match 12.9%; Score 32.4; DB 2; Length 44377;  
Best Local Similarity 50.0%; Pred. No. 6.7;  
Matches 108; Conservative 0; Mismatches 106; Indels 2; Gaps 1;

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QY 35 GGCCTCTGGGGGACCAACTCCATGCCAGCTGCGAGACCTCACTTCCAGCTCTTGATG 94
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 41204 GGGCTCGGGAGACGCTCCCTTCCCTGCTCCGCTTCCGCGACCCCGGAACCGATG 41263
QY 95 AGCTCATGTTGATCATTTGAGCTGCTGGAGAAGATGAGCATGGCTTCCAGAGCCCTAG 154
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 41264 CCGGCA--TCGCTCGACGCGCTATCGAGTCCAGGCGGACGCTCTCTGAGCACACCG 41321
QY 155 ACCGAGGCGCCCTTTGACGAGGCGCCCTTTGCCAGAGAGCTGTGAGACAGGTCAGC 214
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 41322 CGGGCAAGCCCTTGGCTTGGCTTGGCGGCGACCTCGCGGGGAGAACATCGCCACGCCCTGG 41381
QY 215 AAGCAGCCCTTACACACCCCGGACGCTGTGGCGCAG 250
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 41382 CCGCCCGGCTGAGAGACGCGCTCGGGCCCGCGCAG 41417
```

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RESULT 14
US-07-977-434-7/C
; Sequence 7, Application US/07977434
; Patent No. 5465591
; GENERAL INFORMATION:
; APPLICANT: Gelfand, David H.
; APPLICANT: Abramson, Richard D.
; TITLE OF INVENTION: 5' TO 3' EXONUCLEASE MUTATIONS OF
; TITLE OF INVENTION: THERMOSTABLE DNA POLYMERASES
; NUMBER OF SEQUENCES: 38
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hoffmann-La Roche Inc.
; STREET: 340 Kingsland Street
; CITY: Nutley
; STATE: New Jersey
; ZIP: 07110-1199
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: Macintosh
; SOFTWARE: Wordperfect 2.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/977,434
; FILING DATE:
; CLASSIFICATION: 435
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; TELEPHONE: (510) 814-2972
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 2505 base pairs
;   TYPE: nucleic acid
;   STRANDEDNESS: single
;   TOPOLOGY: linear
;   MOLECULE TYPE: DNA (genomic)
;   HYPOTHETICAL: NO
;   ANTI-SENSE: NO
;   ORIGINAL SOURCE:
;     ORGANISM: Thermus species 205
;     FEATURE:
;     NAME/KEY: CDS
;     LOCATION: 1..2502
; US-08-458-819-7

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Query Match      12.7%; Score 32; DB 1; Length 2505;
Best Local Similarity 55.4%; Pred. No. 4.1;
Matches 62; Conservative 0; Mismatches 50; Indels 0; Gaps 0;

QY 135 GGCCTCCAGAGGGCCCTAGACCCAGGGCCCTTGGACCAAGGCGACGCCCTTGGCCAGGA 194
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 2380 GGGCTCCAGAGAGAGAGCTGCTGTGAGACCTGGAGAGACATGCGGCCCTCCATCTCCGGA 2321
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||

QY 195 GCTGCTGAGACGAGGTACAGCAAGCCCTACACACCCCGGCGAGCTGTGGC 246
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 2320 GGTGGGGGAAGAGCTTCACCATGCGGAGCTTCATGAGGTGCGGCGGCTGCC 2269
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||

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